

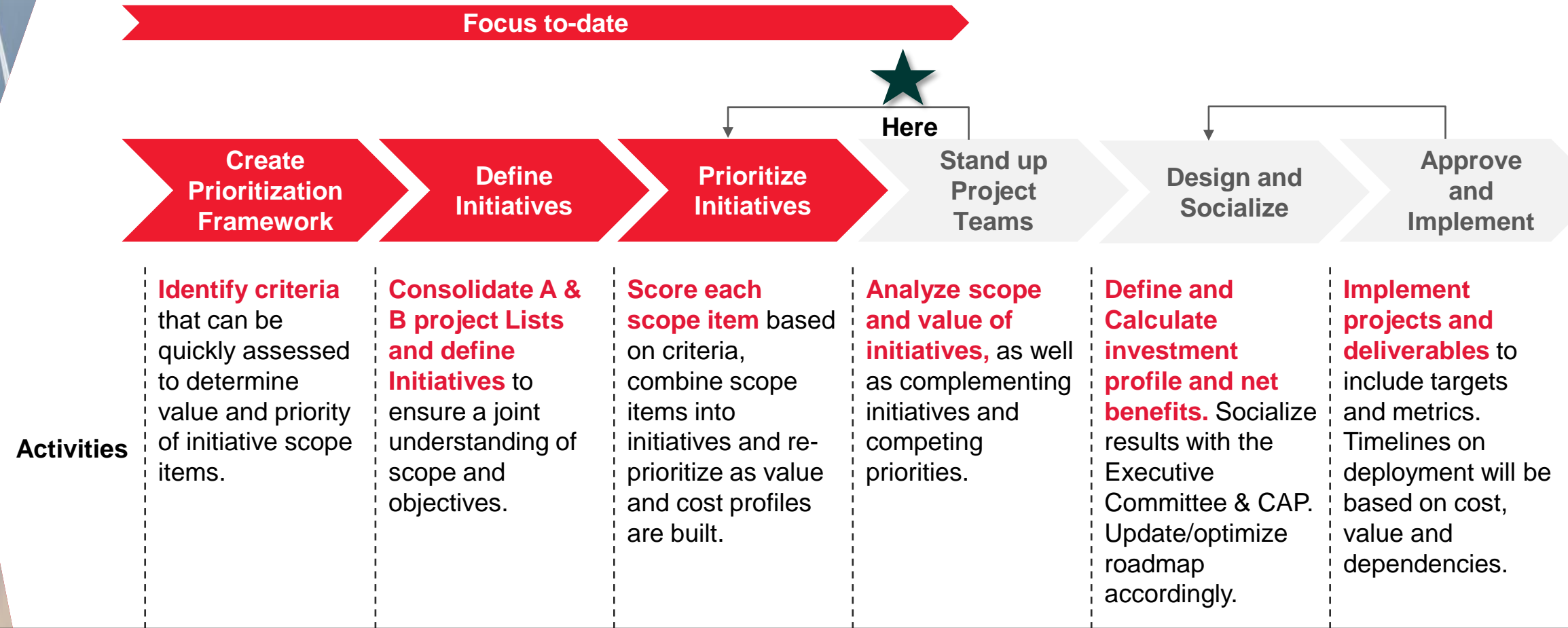


# **XCEL ENERGY AND CITY OF BOULDER ENERGY PARTNERSHIP AGREEMENT**

**City Council Update**

June 8, 2021

# ENERGY PARTNERSHIP PROJECT PLAN AND ACCOMPLISHMENTS



Category	Project Stage	Energy Partnership Initiatives and Programs	Current Activities
Electrification/ Reliability	Business Case	Chautauqua Energy Plan	Teams are working to define overall work plan and priorities
Electrification	Business Case	Fleet Electrification	Assessment of short- and long-term needs. Site Reviews conducted
Electrification	Scoping	Neighborhood Microgrid and Virtual Power Plant	Analyzing Alpine Balsam Feasibility Study and standing up working teams
Electrification	Scoping	Community 100% Renewable Electricity Goal	Work plan development and Gap Analysis
Electrification	Not started	Transit/Bus Electrification Pilot	Scoping to begin late 2021
Electrification	Business Case	Electrification	Project cases have been identified. Preliminary load growth and infrastructure analysis
Reliability	Launched	1% Undergrounding Projects	North Broadway Project and Underground plan development
Reliability	Launched	Distribution System Planning and Prioritization	Reliability of system review. Review of prioritization criteria of which will support future projects and programs
Reliability	Launched	Transmission Upgrades	Rebuild of Lines 9205 and 9216. Installation of Hydro #4
Reliability	Development	Joint Trench Standard	Conceptual design (pilot) and Legal analysis
Reliability	Scoping	Streetlight Pilot	Evaluating System acquisition options. Pike Engineering Study underway
Reliability	Scoping	Grid Modernization and Reliability	Data Gathering
Reliability	Scoping	Wildfire Mitigation	Information sharing and Chautauqua planning
Renewable	Launched	Residential Demand Response	Xcel Energy Pilot Launched
Renewable	Not Started	Hydrogen Electrolysis Pilot	2022- 2023 Launch
Renewable	Not Started	DSM Program Participation	Identifying working teams
Renewable	Not Started	Expanded Solar Adoption Leveraging 120% Rule changes	Pending Legislation
Renewable	Not Started	Expand EV Penetration	Identifying working teams
Community	Development	Community Relations and Consumer Outreach	June 8 <sup>th</sup> Council Presentation. Q2-Community update and work plan development
Community	Scoping	Community Equity Goal	Developing Education and Outreach Series
Community	Scoping	Customer Facing Underground	Community Interviews and Survey of Best Practices

# NORTH BROADWAY 1% PROJECT



- In partnership with the City of Boulder, Xcel Energy is supporting with the beautification of the road right of way between Violet street and US-36 along North Broadway.
- Xcel Energy will be undergrounding close to a mile of overhead electric utilities on the west side of Broadway as well as setting equipment for future underground opportunities.
- Customers will have the option to underground their service at their cost. Commercial customers who convert to an underground service will now own their own service wire per tariff.
- Xcel Energy will work alongside the City of Boulder's construction resources in effort to minimize the disturbance and impact to the area.





# COMMUNITY ADVISORY PANEL

Term Length: 1 to 3 years

Erik Abrahamson, CBRE

Lori Call, Boulder Chamber

Eli Feldman, Conscience Bay

David Kang, CU

Peter Lilienthal, UL

Jack Vultaggio, IBM

Justin Brant, SWEEP

Dennis Arfmann, CNEE

Kenny Gillis, Affordable  
Housing/HOA

Ramesh Bhatt, Resident

George Craft, Resident

Pat Hillmeyer, Resident

Bryn Grunwald, Resident

Stephanie Hsiung, Resident

Emily Swallow, Resident

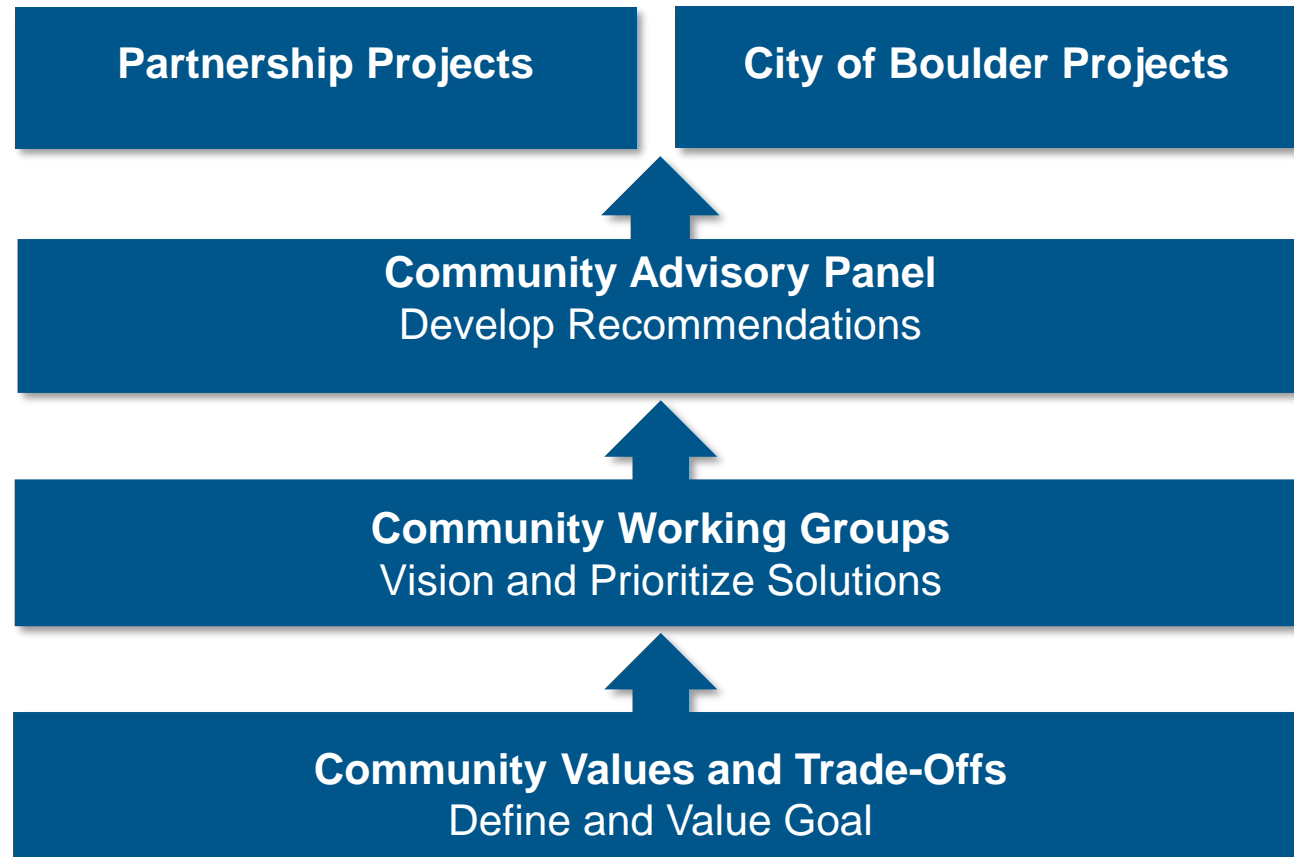
Andrew Sayler, Resident

Julie Zahniser, Resident

Wayne Seltzer, Resident,  
EcoCycle



# COMMUNITY WORKING GROUPS: 100% RENEWABLE ELECTRICITY



# COMMUNITY KICK-OFF EVENT

- Mid-to-late Summer 2021:
  - Date and Venue TBD
- Meet the Advisory Panel, Executive Team and Project Oversight Team
- Detailed project updates
- Public Q&A

